

**CONTRACT DATA REQUIREMENTS LIST**

(2 Data Items)

Form Approved

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the

<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____
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<b>D. SYSTEM/ITEM</b> 1650-01-043-2573	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
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<b>1. DATA ITEM NO.</b> 1	<b>2. TITLE OF DATA ITEM</b> CERTIFICATION DATA REPORT	<b>3. SUBTITLE</b> COMPLETE PROCESS OPERATION SHEETS
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<b>4. AUTHORITY (Data Acquisition Document No.)</b> DI-MISC-80678/T1	<b>5. CONTRACT REFERENCE</b>	<b>6. REQUIRING OFFICE</b> DSCR
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<b>7. DD 250 REQ</b> LT	<b>9. DIST STATEMENT REQUIRED</b>	<b>10. FREQUENCY</b> AS REQ.	<b>12. DATE OF FIRST SUBMISSION</b> SEE BLOCK #16	<b>14. DISTRIBUTION</b>	
<b>8. APP CODE</b> A		<b>11. AS OF DATE</b> AS REQ.	<b>13. DATE OF SUBSEQUENT SUBMISSION</b> SEE BLOCK #16	<b>a. ADDRESSEE</b>	<b>b. COPIES</b> Draft Final Reg Repro

<b>16. REMARKS</b> PARA. 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.5 *UPON SUBMISSION OF FIRST ARTICLE/PRODUCTION LOT TEST SAMPLE(S) ** IF PROCESS OPERATION SHEETS CHANGE AFTER SUCCESSFUL COMPLETION OF FAT/PLT	<b>15. TOTAL</b> → 3/0
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17. PRICE GRO

18. ESTIMATE  
TOTAL PR

<b>1. DATA ITEM NO.</b> 2	<b>2. TITLE OF DATA ITEM</b> CERTIFICATION DATA REPORT	<b>3. SUBTITLE</b> COMPLETE INSPECTION METHOD SHEETS
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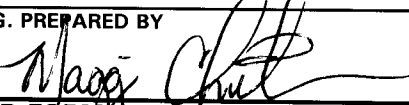
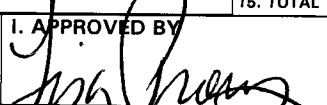
<b>4. AUTHORITY (Data Acquisition Document No.)</b> DI-MISC-80678/T2	<b>5. CONTRACT REFERENCE</b>	<b>6. REQUIRING OFFICE</b> DSCR
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<b>7. DD 250 REQ</b> LT	<b>9. DIST STATEMENT REQUIRED</b>	<b>10. FREQUENCY</b> AS REQ.	<b>12. DATE OF FIRST SUBMISSION</b> SEE BLOCK #16	<b>14. DISTRIBUTION</b>	
<b>8. APP CODE</b> A		<b>11. AS OF DATE</b> AS REQ.	<b>13. DATE OF SUBSEQUENT SUBMISSION</b> SEE BLOCK #16	<b>a. ADDRESSEE</b>	<b>b. COPIES</b> Draft Final Reg Repro

<b>16. REMARKS</b> PARA. 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.5 *UPON SUBMISSION OF FIRST ARTICLE/PRODUCTION LOT TEST SAMPLE(S) ** AT TIME OF CONTRACT COMPLETION	<b>15. TOTAL</b> → 3/0
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17. PRICE GRO

18. ESTIMATE  
TOTAL PR

<b>G. PREPARED BY</b> 	<b>H. DATE</b> 10 May 02	<b>I. APPROVED BY</b> 	<b>J. DATE</b> 10 May 02
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(2 Data Items)

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G. PREPARED BY <i>Maggie Cant</i>	H. DATE 10 May 02	I. APPROVED BY <i>[Signature]</i>	J. DATE 10 May 02
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18. ESTIMATE TOTAL PR	
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**18. ESTIMATE  
TOTAL PR**

(1 Data Item)

*Form Approved*

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
		TDP _____ TM _____ OTHER _____

D. SYSTEM/ITEM 1650-01-043-2573	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
4	CERTIFICATION DATA/REPORTS	

4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T3	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DSCR
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ.	12. DATE OF FIRST SUBMISSION SEE BLOCK #16	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE AS REQ.	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK #16	a. ADDRESSEE		b. COPIES	
						Draft	Final
				Reg	Repro		

[illegible]

G. PREPARED BY Maggi C. Hunt	H. DATE 10 May 02	I. APPROVED BY [Signature]	J. DATE 10 May 02
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## **QUALITY ASSURANCE PROVISIONS**

NSN: 3G 1650 01-043-2573

P/N: (88277) 4547889-501

NOMEN: Barrel Assy-Wing Flap Actuating Cylinder

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (88277) 4547889-501 Rev. "A", or latest revision and all details and specifications referenced therein.

### **I. Quality/Inspection Requirements**

- A. MIL-I-45208 or ISO 9000 equivalent applies:
- B. First Article Testing applies:
- C. Mandatory Inspection applies:
- D. Production Lot Testing Applies

### **II. Supplemental Requirements**

A. Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 or ISO 9000 equivalent apply.

B. The contractor shall identify on the process/operation sheets all manufacturing

Sources performing processes/operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of First Article and/or Production Lot Testing without approval from the Engineering Support Activity (ESA), via the PCO.

C. The Inspection Method Sheets, which list the characteristics of each item, produced under the contract shall have serial number traceability to the raw material, casting, or forging. In addition, the contractor is responsible for providing completed inspection method sheets showing the actual dimensions taken

D. Markings should be in accordance with MIL-STD-130 Rev. "K" paragraph 5.3.3(a), (b), (c), and (g). Method and location shall be in accordance with the drawing.

### **III. Mandatory Inspection Requirements**

During production, mandatory inspection is required to be accomplished by the contractor, as follows:

A. Level of Inspection (LOI):

- 1) Critical Characteristics: 100% inspection shall apply.

2) Major and Minor Characteristics - LOI shall be in accordance with a sampling plan acceptable to the QAR.

B. Critical Characteristics:

**DRAWING (88277) 4547889-501**

Make from 75S-T6 forging blank # 3547891-501

Manufacture to -7 Barrel

1.3142 dia.  $\begin{smallmatrix} +.0016 \\ -.0000 \end{smallmatrix}$  maintaining a surface texture of 16 microinch

Hard Coat to:

1.312 dia  $\begin{smallmatrix} +.002 \\ -.000 \end{smallmatrix}$  maintaining a surface texture if 16 microinch **CRITICAL WEAR AREA** typ. two lands

.9055/.9060 dia.do not hard coat, install LSS-7 bearing and stake per DPS 1.33

1.4399/1.4474 dia., csk 90° X 1<sup>1/2</sup> dia. Thd. 1<sup>1/2</sup>-18-NEF-per Mil-S-7742

C. Major and Minor Characteristics:

1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

IV. Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, Mylar's, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject items will not be provided by the Government, or any other source, and is the sole responsibility of the Government, or any other source, and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment, or the furnishing thereof, that may be contained in any drawing